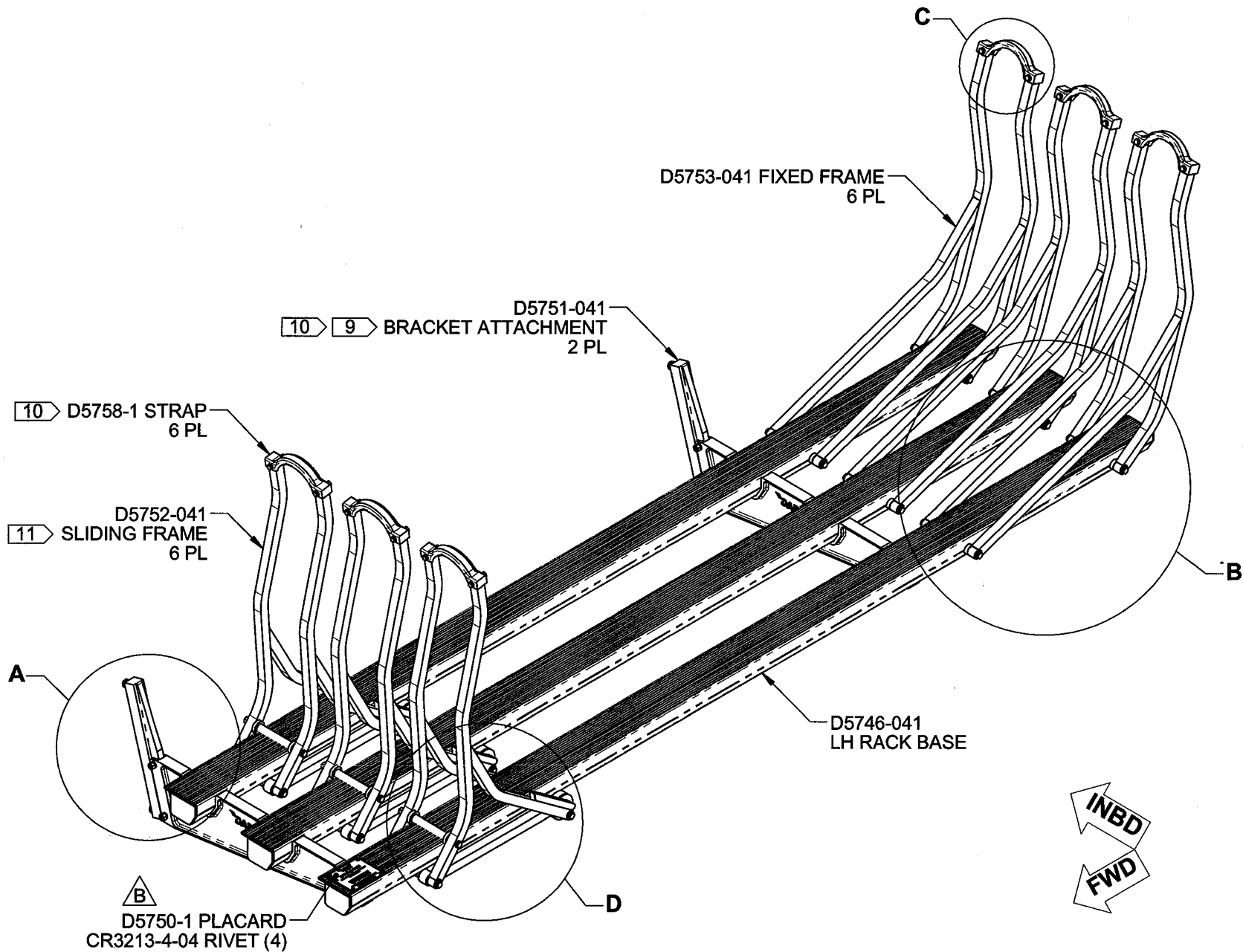


QTY -041	P/N	DESCRIPTION
X	D5745-041	LH BICYCLE RACK ASSEMBLY
1	D5746-041	LH RACK BASE
1	D5750-1	PLACARD
2	D5751-041	ATTACHMENT BRACKET ASSEMBLY
6	D5752-041	SLIDING FRAME
6	D5753-041	FIXED FRAME
3	D5754-041	LH CAM ASSEMBLY
3	D5755-1	UPPER ROLLER
3	D5755-3	LOWER ROLLER
9	D5757-1	BUSHING
6	D5758-1	STRAP
4	D5764-1	STUD
12	AN3-13A	BOLT
12	AN4-11A	BOLT
4	AN4-14A	BOLT
9	AN4-60A	BOLT
4	CR3213-4-04	CHERRYMAX RIVET
12	MS21044N3	NUT, SELF-LOCKING
13	MS21044N4	NUT, SELF-LOCKING
24	NAS1149F0363P	WASHER
38	NAS1149F0463P	WASHER
8	NAS1149F0663P	WASHER



- NOTES:**
- 1) MATERIAL: N/A
 - 2) FINISH: NONE
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: IDENTIFY PER DART QSI 044 **B**
 - 7) WEIGHT: 67.51 lbs
 - 8) APPLY NICKEL BASED ANTI-SEIZE COMPOUND TO THREADS OF STUD, THEN INSTALL WITH BRACKET ATTACHMENT
 - 9) APPLY LPS 3, OR EQUIVALENT CORROSION PREVENTATIVE COMPOUND TO FLANGE OF BRACKET ATTACHMENT AND BEAM SLOT PRIOR TO ASSEMBLY
 - 10) ANY PAINT OR POWDER COAT THAT PREVENTS INSTALLATION OF BRACKET ATTACHMENT AND STRAP MAY BE REMOVED WITH SCOTCH BRITE. APPLY ALODINE TO UNCOATED AREAS PRIOR TO ASSEMBLY
 - 11) ENSURE ROLLERS ARE FREE TO ROTATE WITH CAM OPEN AND FRAMES SLIDE ALONG RAIL
ENSURE CAM ROTATES TO LOCKED POSITION WITH LEVER PARALLEL TO FRAME
ENSURE FRAME CANNOT SLIDE ON RAIL WHEN CAM IS IN LOCKED POSITION
 - 12) TORQUE TO 12-15 IN-LBS
 - 13) TORQUE TO 30-40 IN-LBS
 - 14) TORQUE TO 160-190 IN-LBS
 - 15) ENSURE 1.5-4 THREADS ARE IN SAFETY

D5745-041 LH BICYCLE RACK ASSEMBLY
(DERIVED FROM AERO DESIGN P/N 100210-01-01)

B	REMOVE P/N AND S/N FROM PLACARD	NO	20.02.10
A	NEW ISSUE	KPT	19.12.19
REV.	DESCRIPTION	BY	DATE
DESIGN	KPT	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA DRAWING NO. D5745 REV. B SHEET 1 OF 8 TITLE BICYCLE RACK ASSEMBLY SCALE NTS COPYRIGHT © 2019 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	
DRAWN	NO		
CHECKED	ZF		
MFG. APPR.	DD		
APPROVED	NO		
DE APPR.	DS		
DATE	20.02.10		

RELEASED
2020 MAR 02
ECN2020-531

APPROVED

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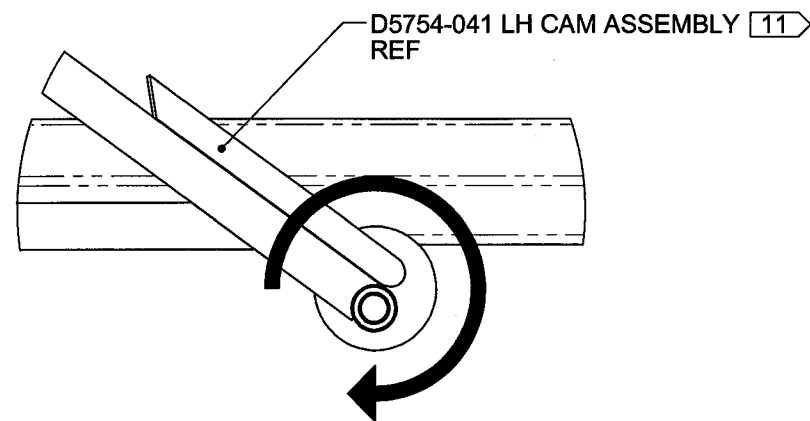
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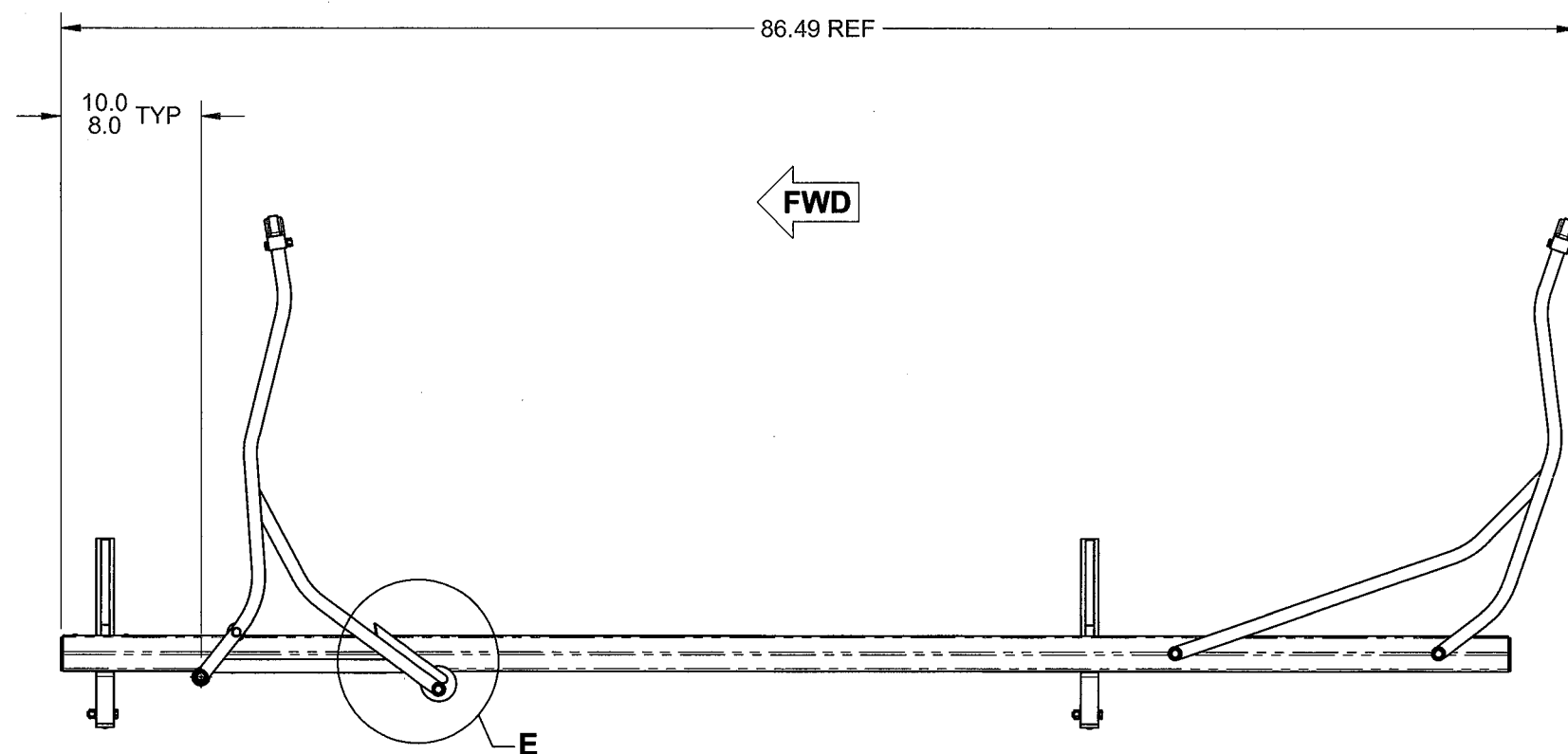
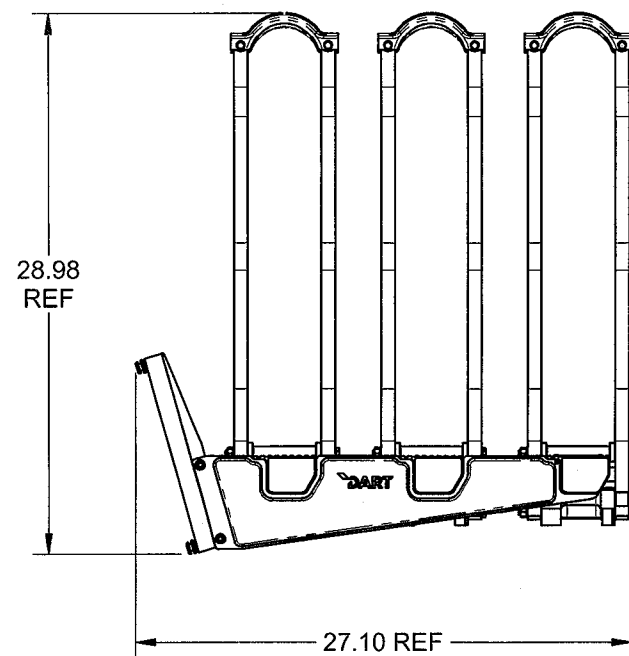
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DETAIL E

TYP

(SHOWN IN LOCKED POSITION)
(ROTATE CLOCKWISE AS SHOWN TO UNLOCK)



RELEASED

2020 MAR 02 *NH*

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DESIGN	KPT	DART AEROSPACE LTD	
DRAWN	NO	HAWKESBURY, ONTARIO, CANADA	
CHECKED	ZF	DRAWING NO.	REV. B
MFG. APPR.	DD	D5745	SHEET 2 OF 8
APPROVED	NO	TITLE	SCALE
DE APPR.	DS	BICYCLE RACK ASSEMBLY	NTS
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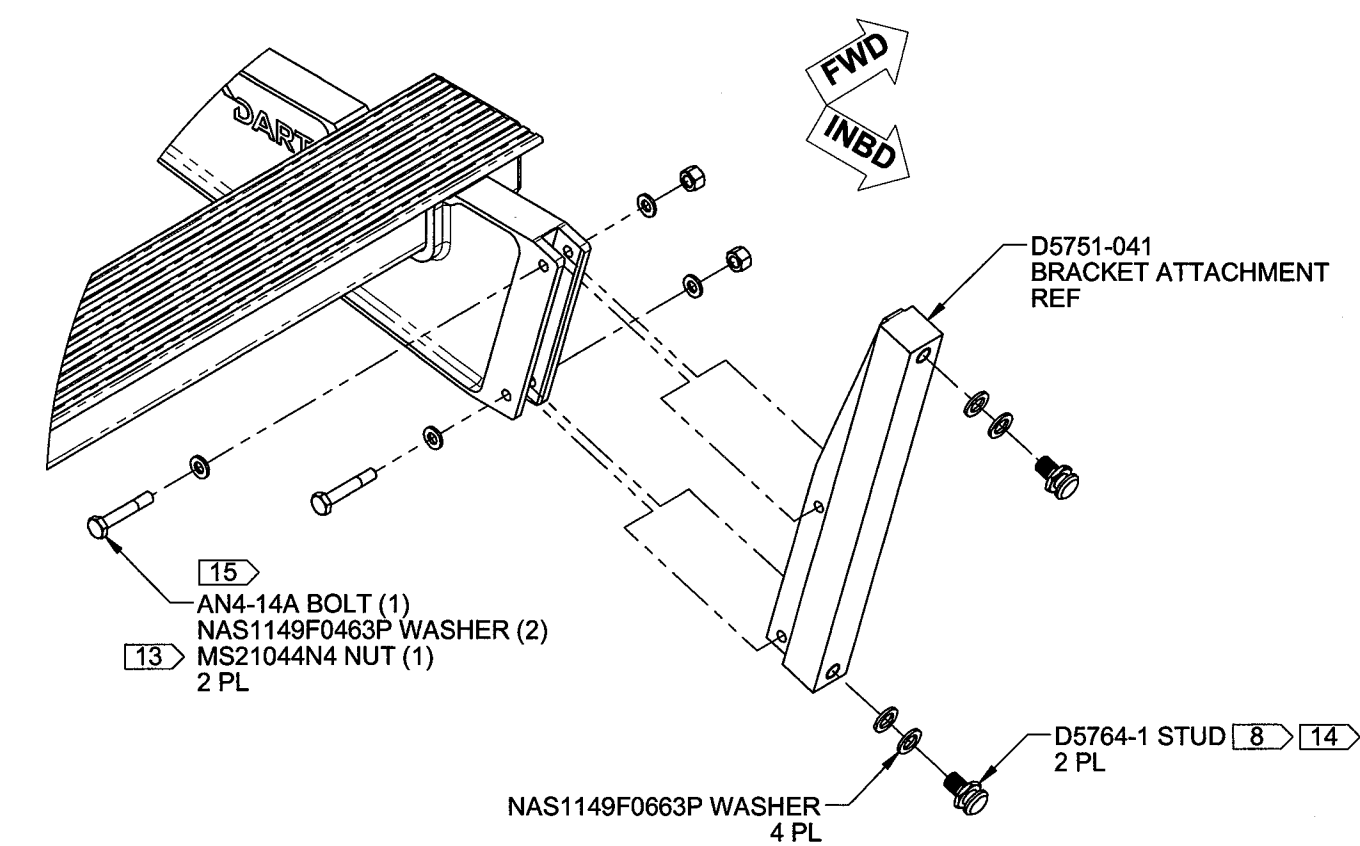
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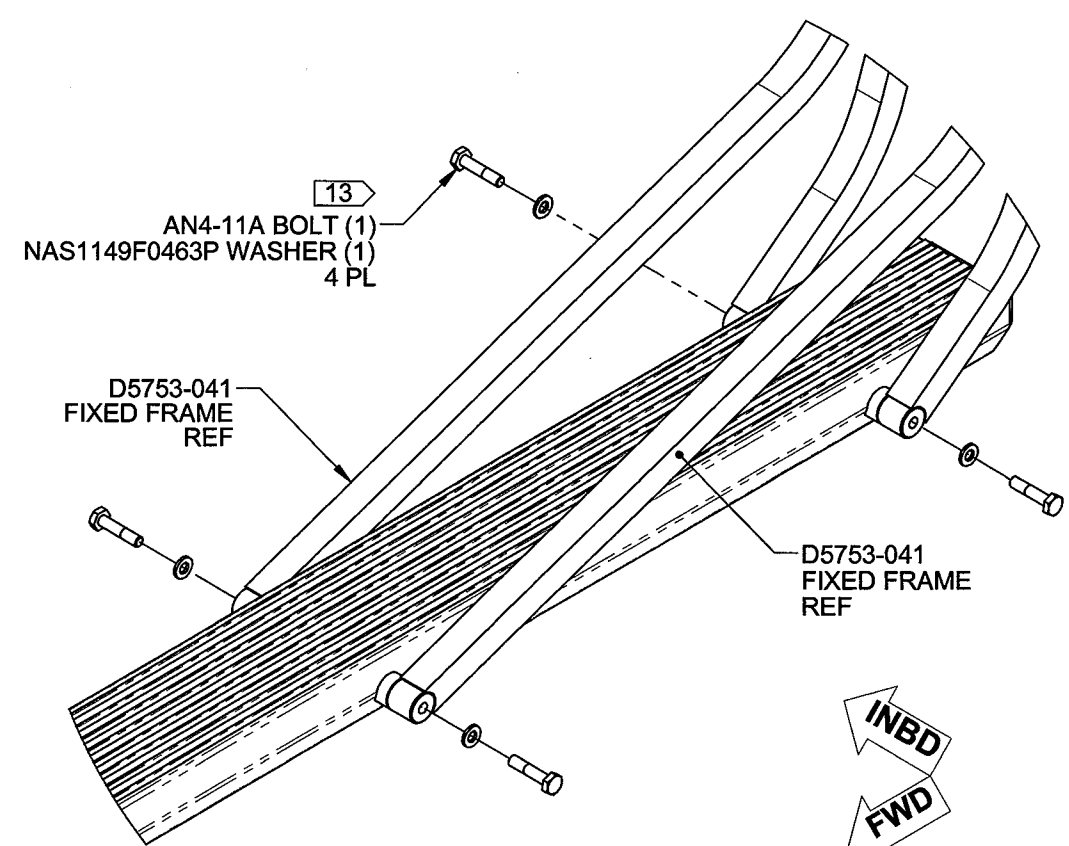
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DETAIL A
2 PL

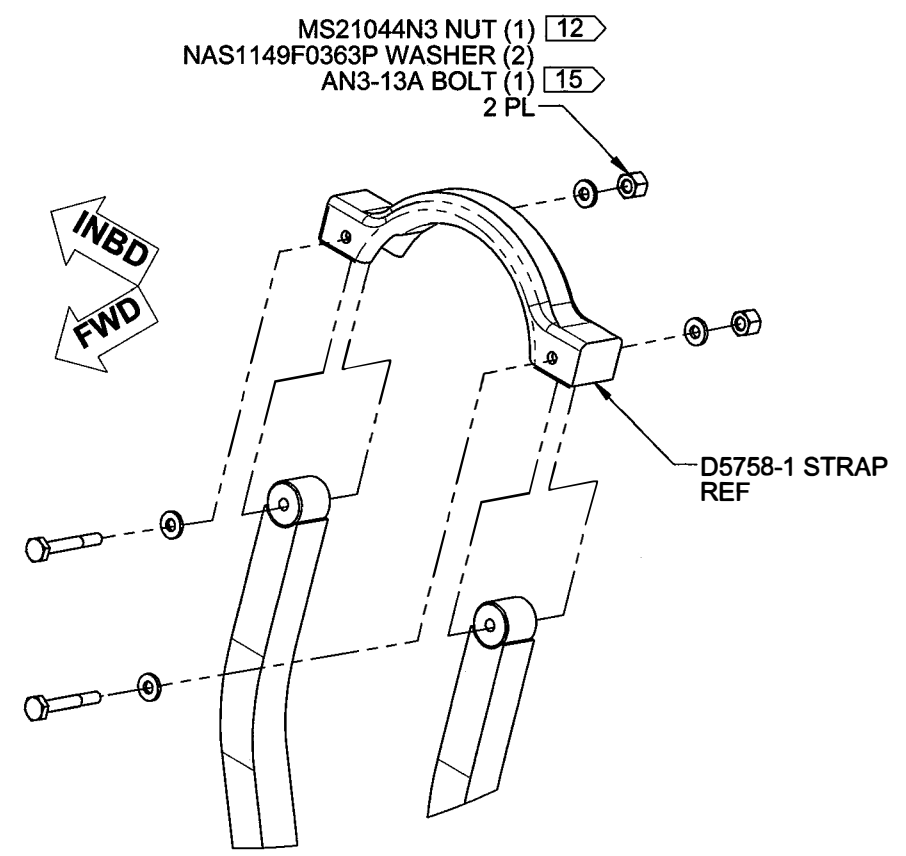


DETAIL B
3 PL

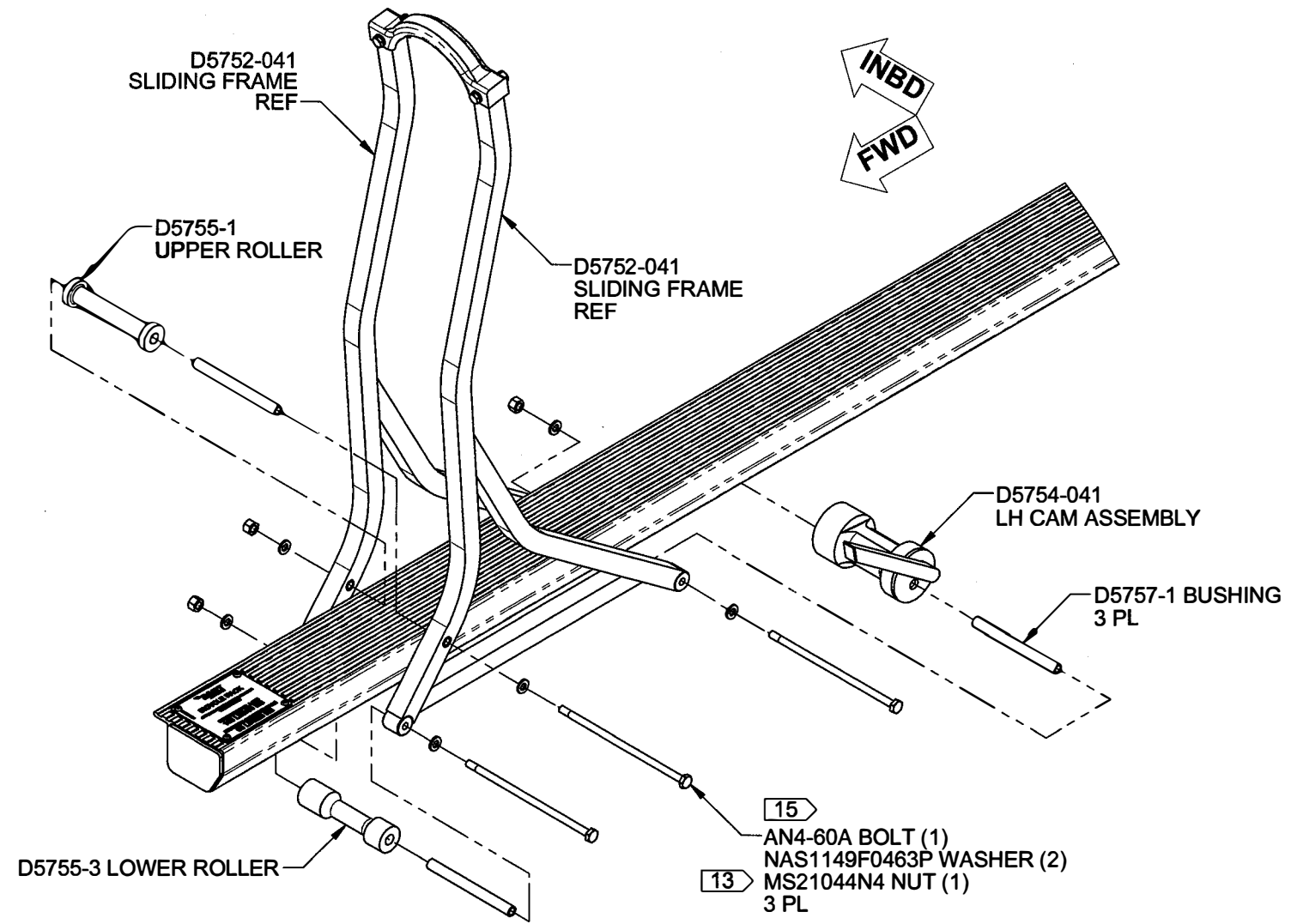
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2020 MAR 02/NO

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DRAWN	NO	HAWKESBURY, ONTARIO, CANADA	
CHECKED	ZF	DRAWING NO.	REV. B
MFG. APPR.	DD	D5745	SHEET 3 OF 8
APPROVED	NO	TITLE	SCALE
DE APPR.	DS	BICYCLE RACK ASSEMBLY	NTS
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DETAIL C
6 PL



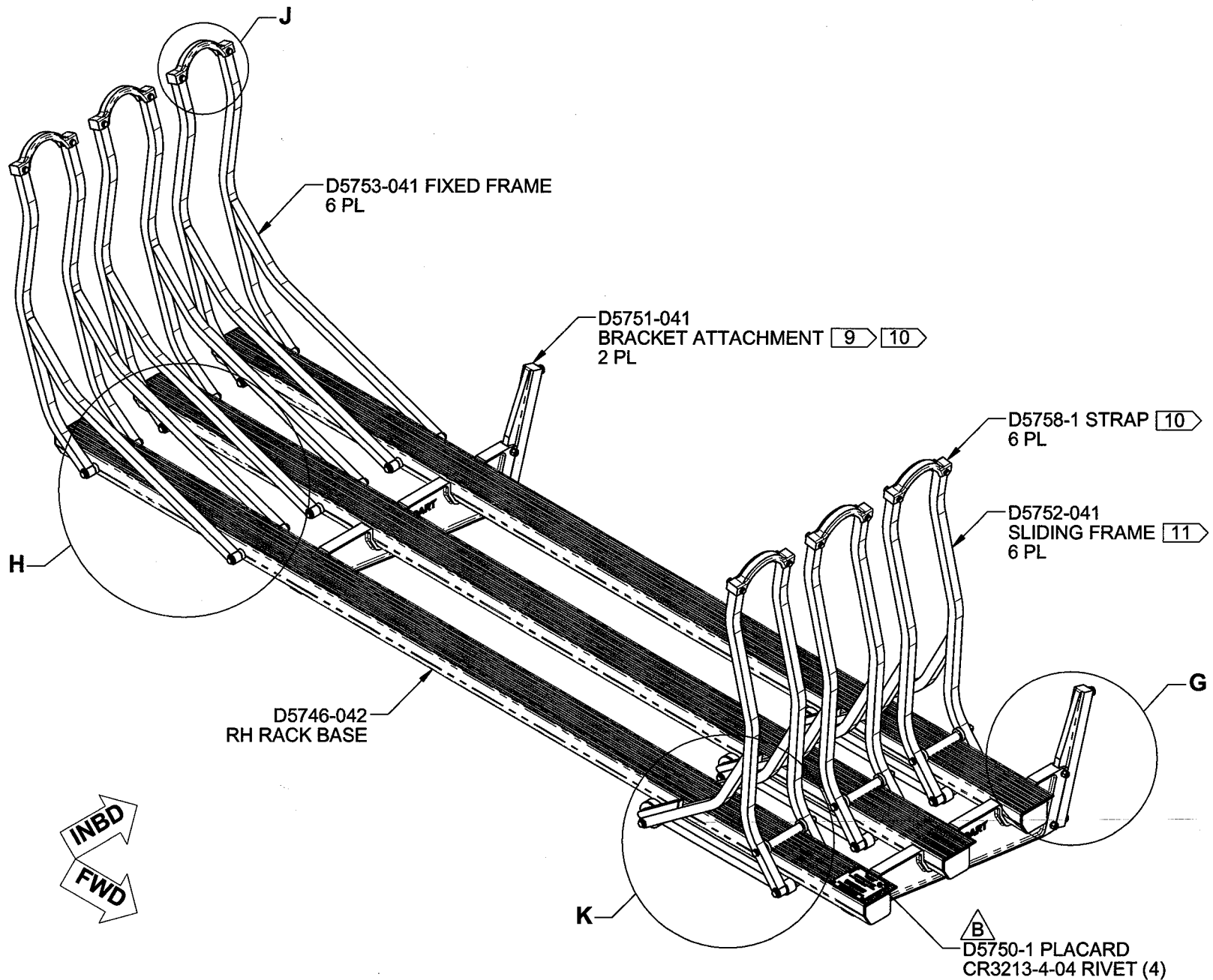
DETAIL D
3 PL

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2020 MAR 02

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DESIGN	KPT	DART AEROSPACE LTD	
DRAWN	NO	HAWKESBURY, ONTARIO, CANADA	
CHECKED	ZF	DRAWING NO.	REV. B
MFG. APPR.	DD	D5745	SHEET 4 OF 8
APPROVED	NO	TITLE	SCALE
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QTY -042	P/N	DESCRIPTION
X	D5745-042	RH BICYCLE RACK ASSEMBLY
1	D5746-042	RH RACK BASE
1	D5750-1	PLACARD
2	D5751-041	ATTACHMENT BRACKET ASSEMBLY
6	D5752-041	SLIDING FRAME
6	D5753-041	FIXED FRAME
3	D5754-042	RH CAM ASSEMBLY
3	D5755-1	UPPER ROLLER
3	D5755-3	LOWER ROLLER
9	D5757-1	BUSHING
6	D5758-1	STRAP
4	D5764-1	STUD
12	AN3-13A	BOLT
12	AN4-11A	BOLT
4	AN4-14A	BOLT
9	AN4-60A	BOLT
4	CR3213-4-04	CHERRYMAX RIVET
12	MS21044N3	NUT, SELF-LOCKING
13	MS21044N4	NUT, SELF-LOCKING
24	NAS1149F0363P	WASHER
38	NAS1149F0463P	WASHER
8	NAS1149F0663P	WASHER



D5745-042 RH BICYCLE RACK ASSEMBLY
(DERIVED FROM AERO DESIGN P/N 100210-01-02)

- NOTES:
- 1) MATERIAL: N/A
 - 2) FINISH: NONE
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: IDENTIFY PER DART QSI 044 **B**
 - 7) WEIGHT: 67.51 lbs
 - 8) APPLY NICKEL BASED ANTI-SEIZE COMPOUND TO THREADS OF STUD, THEN INSTALL WITH BRACKET ATTACHMENT
 - 9) APPLY LPS 3, OR EQUIVALENT CORROSION PREVENTATIVE COMPOUND TO FLANGE OF BRACKET ATTACHMENT AND BEAM SLOT PRIOR TO ASSEMBLY
 - 10) ANY PAINT OR POWDER COAT THAT PREVENTS INSTALLATION OF BRACKET ATTACHMENT AND STRAP MAY BE REMOVED WITH SCOTCH BRITE. APPLY ALODINE TO UNCOATED AREAS PRIOR TO ASSEMBLY
 - 11) ENSURE ROLLERS ARE FREE TO ROTATE WITH CAM OPEN AND FRAMES SLIDE ALONG RAIL
ENSURE CAM ROTATES TO LOCKED POSITION WITH LEVER PARALLEL TO FRAME
ENSURE FRAME CANNOT SLIDE ON RAIL WHEN CAM IS IN LOCKED POSITION
 - 12) TORQUE TO 12-15 IN-LBS
 - 13) TORQUE TO 30-40 IN-LBS
 - 14) TORQUE TO 160-190 IN-LBS
 - 15) ENSURE 1.5-4 THREADS ARE IN SAFETY

RELEASED
2020 MAR 02 16

APPROVED

DESIGN	KPT
DRAWN	NO
CHECKED	ZF
MFG. APPR.	DD
APPROVED	NO
DE APPR.	DS
DATE	20.02.10

DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWING NO. D5745	REV. B SHEET 5 OF 8
TITLE BICYCLE RACK ASSEMBLY	SCALE NTS
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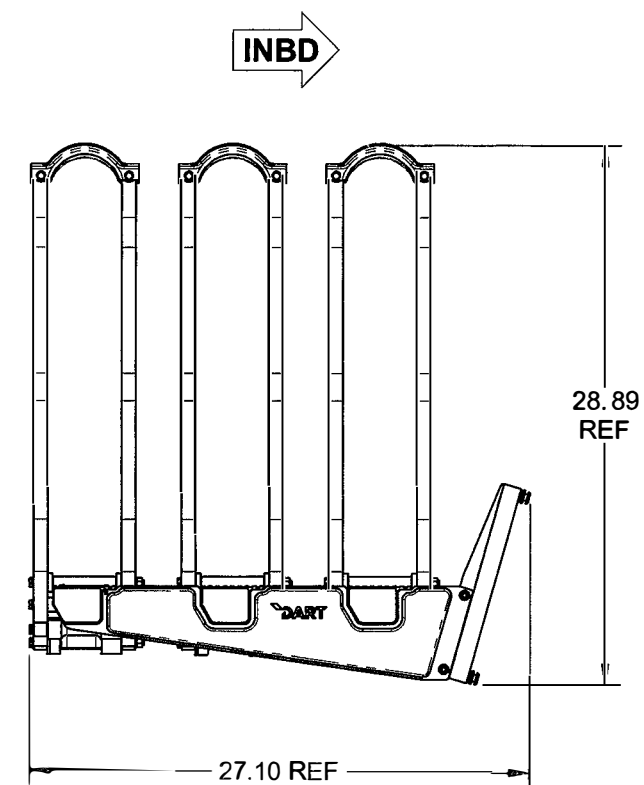
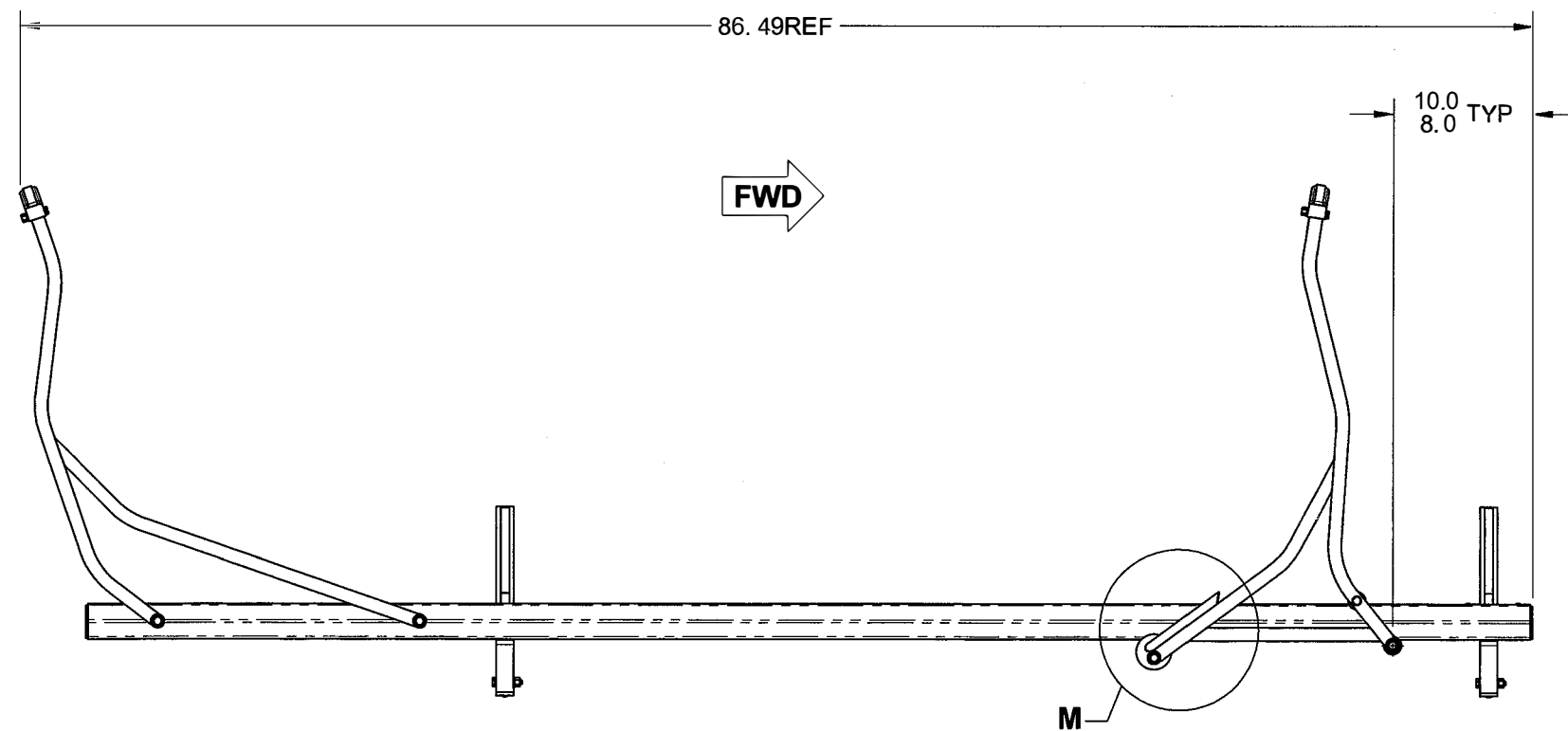
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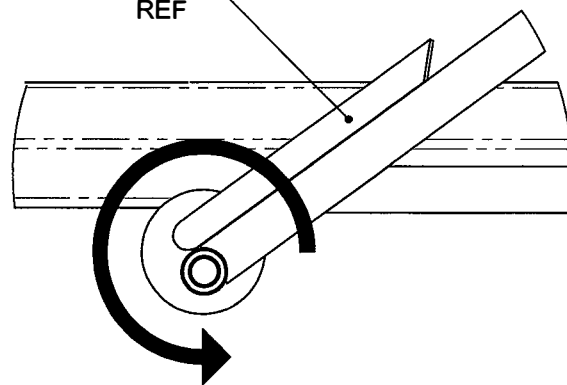
C

B

A



11 D5754- 042RH CAM ASSEMBLY
REF



DETAIL M
TYP

(SHOWN I NLOCKED POSI TION)
(ROTATE COUNTER- CLOCKW SEAS SHOWN TO UNLOCK)

RELEASED

2020 MAR 02

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DESIGN	KPT	DART AEROSPACE LTD	
DRAWN	NO	HAWKESBURY, ONTARIO, CANADA	
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MFG. APPR.	DD	D5745	SHEET 6 OF 8
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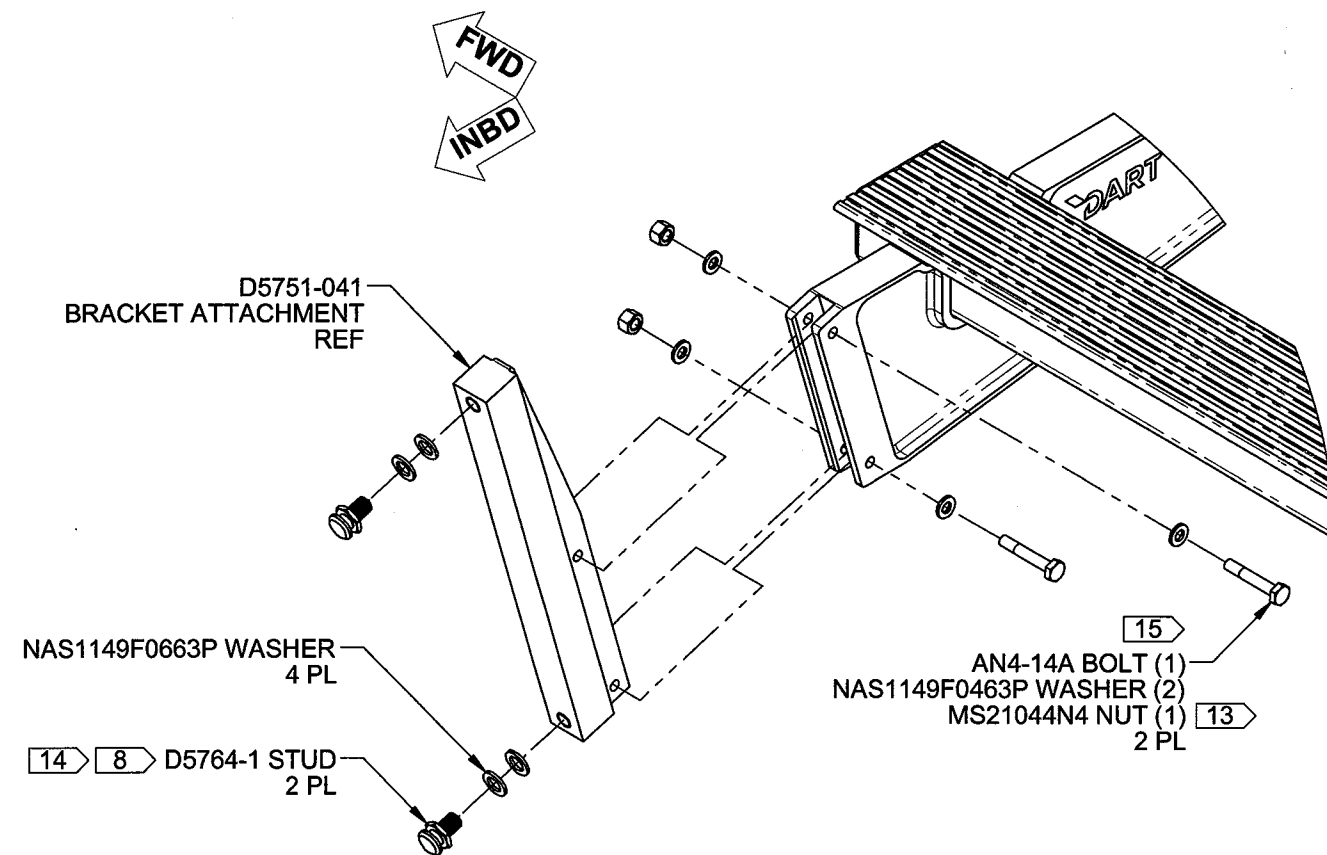
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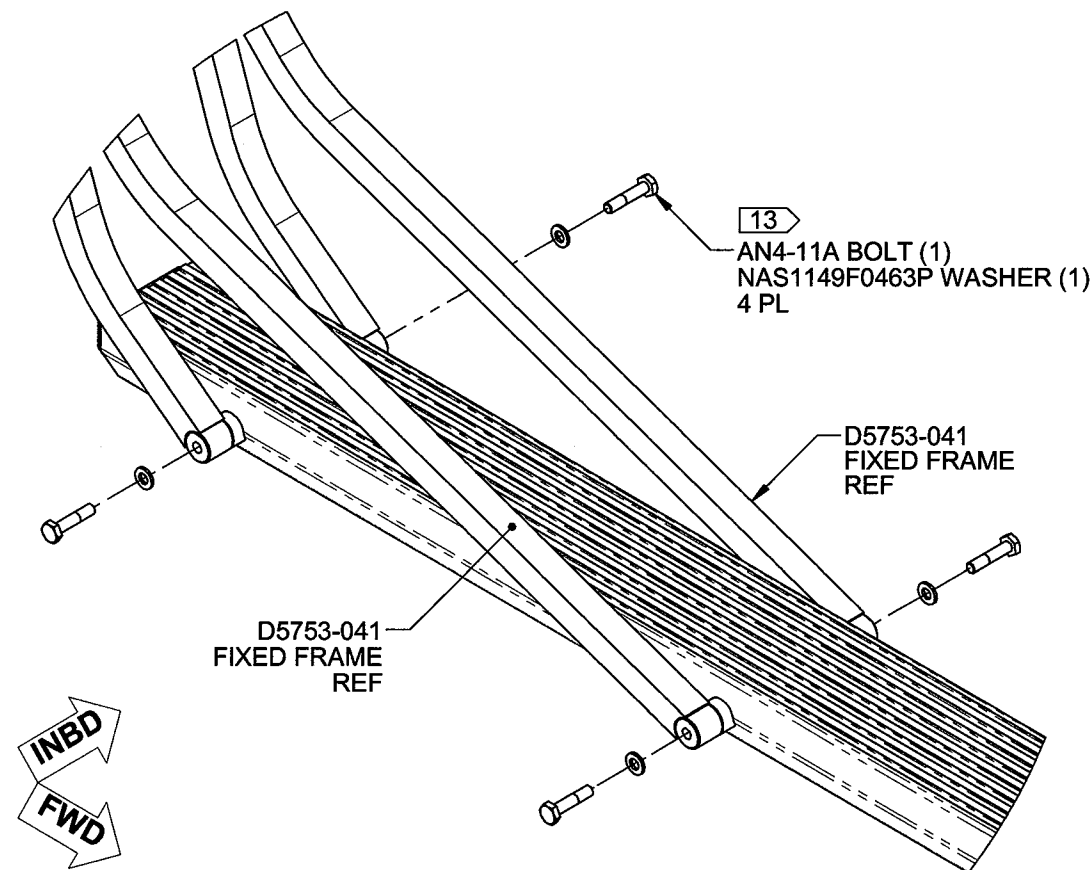
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DETAIL G
2 PL



DETAIL H
3 PL

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2020 MAR 02

APPROVED

DESIGN	KPT
DRAWN	NO
CHECKED	ZF
MFG. APPR.	DD
APPROVED	NO
DE APPR.	DS
DATE	20.02.10

DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA

DRAWING NO.
D5745

REV. B
SHEET 7 OF 8

TITLE
BICYCLE RACK ASSEMBLY

SCALE
NTS

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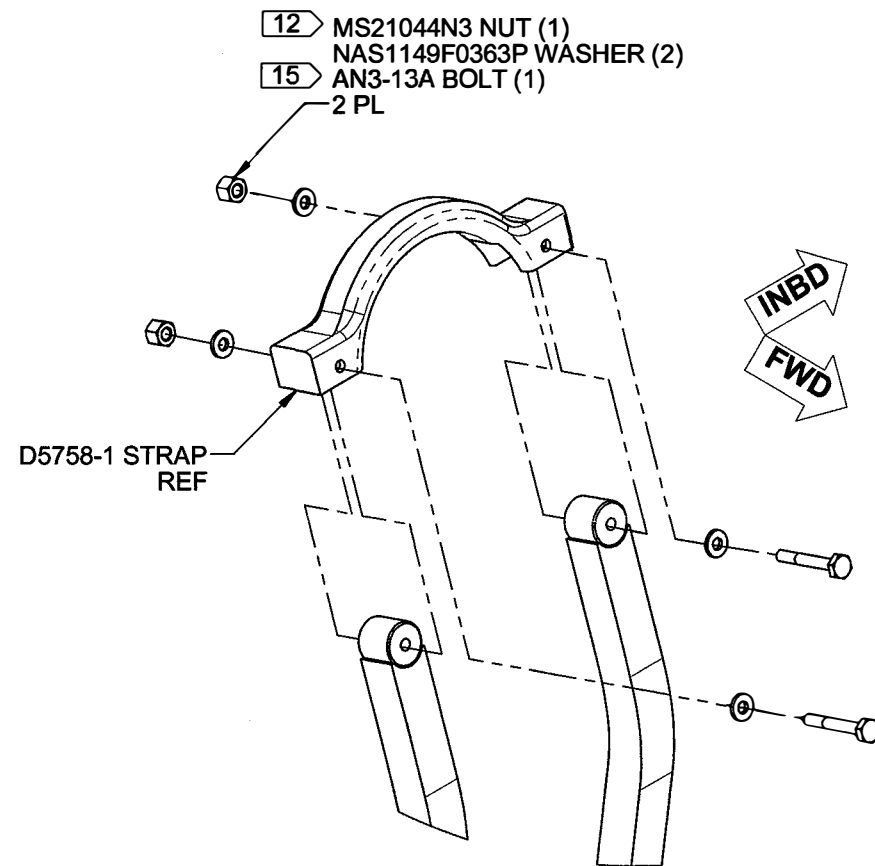
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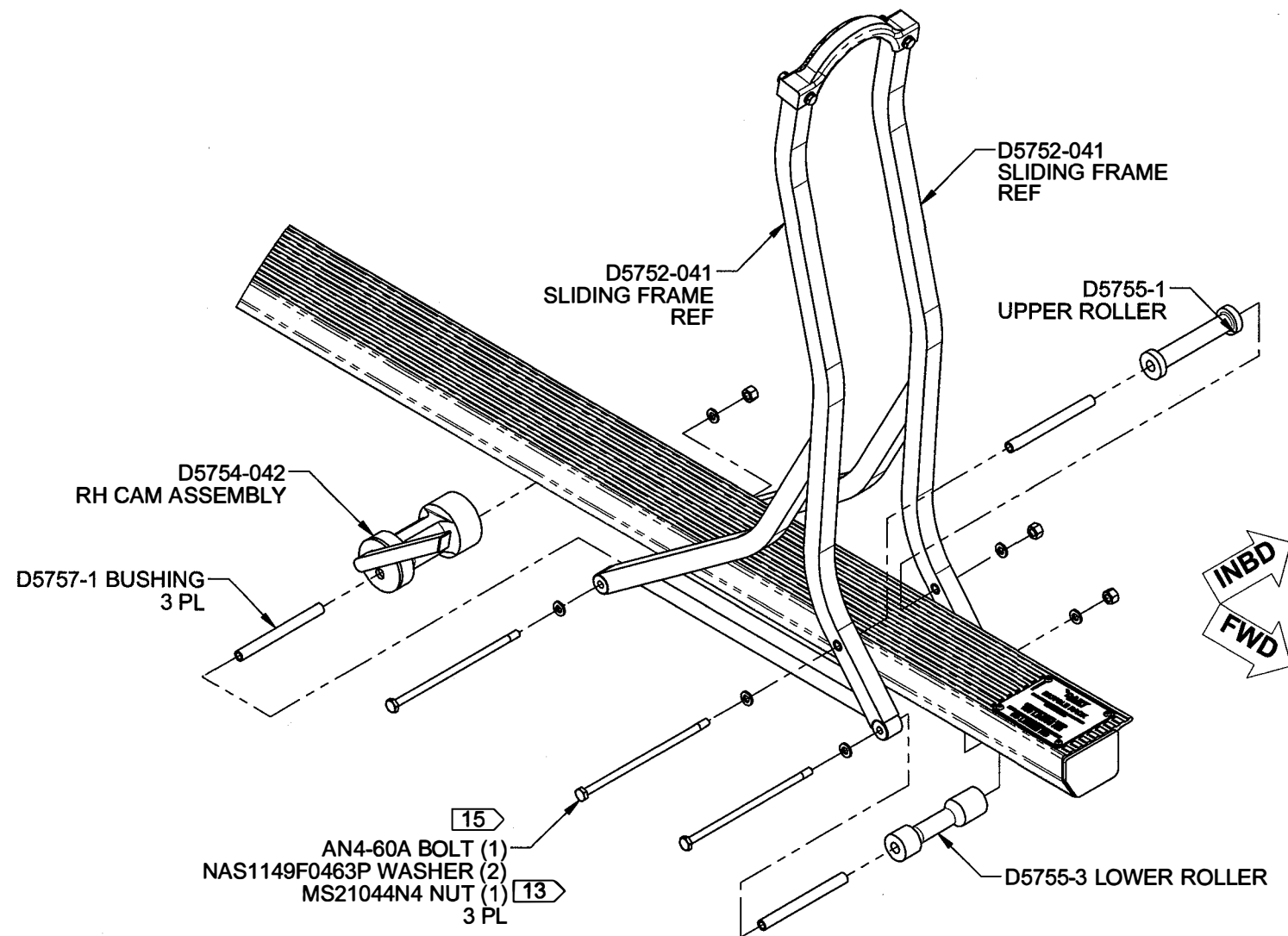
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DETAIL J
6 PL



DETAIL K
3 PL

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2020 MAR 02 *W/O*

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DESIGN	KPT	DART AEROSPACE LTD	
DRAWN	NO	HAWKESBURY, ONTARIO, CANADA	
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MFG. APPR.	DD	D5745	SHEET 8 OF 8
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